

# The DX Bulletin

• America's Oldest Weekly Amateur Radio Publication •

ISSUE 302 SEPTEMBER 6, 1985

PROPAGATION: Sept 4-7, High Normal; Sept 8, Below Normal; Sept 9, Disturbed; Sept 10, Below Normal; Sept 11-15, Low Normal; Sept 16, High Normal. TNX N4XX.

Flux (80)	Flux (81)	Flux (82)	Flux (83)	Flux (84)	Date	Flux ----1985----	A	K
170	249	138	109	74	8/23	71	18	3
163	248	140	108	74	8/24	71	13	2
152	249	155	108	80	8/25	71	19	3
151	268	153	102	81	8/26	71	13	3
156	255	177	104	86	8/27	72	18	2
165	270	178	102	89	8/28	72	13	2
175	249	182	101	87	8/29	72	17	2

We've been touting the possibility of a 27.5 day propagation cycle, centered on the first week of each month, beginning in early May. Further proof that something has been happening is that on July 2 (when Europeans were heard here on 24 MHz), the K1NFE 6 Meter beacon was heard in both England and Sweden. Arnie's 50.440 beacon runs 40 watts DC input to a turnstile antenna...fed through almost 500 feet of hardline. The antenna is about 70 feet high.

• DJ5RT announced he would activate a "rare African country" between about Sept 2 and 10; nothing had been heard from him as of mid-day Sept 2. He had said it would be a country "east of Senegal," (possibly Niger SU7).

• Although it's been only two and a half years since two expeditions activated Heard Island simultaneously, that DXCC country has climbed back up our most-needed listings. Latest word from Jim Smith was no word, with the expedition's departure date of Sept 16 from Hobart Australia looming. One member confirmed for the team is a "radio technician" but Jim had no indication if the technician would be a licensed ham.

Kirsti Jenkins Smith, VK9NL, has written a book on the Heard Island DX Association's 1983 operation, to be on the market in October. The book is being published on Norfolk Island and Kirsti is arranging distribution rights in both the U.S. and Australia. Price and availability will be announced shortly.

• A now-defunct DX newsletter reported last week that OH2BH was saying he would operate from Tirana, Albania, during a trade fair, beginning Sept 1. We have no reports as of the 2nd of Sept.

• The annual W9DXCC convention will be held Sept 21 in Glen Ellyn Illinois, with several speakers and programs on tap. Past attendees will automatically receive a mailer from the convention committee; you can request further information from Howie Huntington, 65 S. Burr Oak Dr., Lake Zurich IL 60047.

• Jim Neiger, N6TJ, will sign D44BC from the Cape Verde Islands during the CQ WW CW contest at the end of November. Before and after the contest he will operate SSB only, so please don't ask for CW contacts then. Work him during the contest! All QSLs will have to go direct to D44BC's Callbook address.

• 8R1 Guyana is scheduled for the CQ WW SSB contest by NQ4I/8R1, Rick Dougherty. QSLs to WI4K. Rick will be active on both CW and SSB before and after the contest weekend.

• Germany's DX NL says G4CAQ will be in the United Arab Emirates (A6) for a couple of years, beginning this month, and he is investigating the license situation.

## ABOUT THE COUNTRIES-NEEDED SURVEY (p2,3)

WE ARE INDEBTED again this year to Everett Jackson, WA8CZS, who printed the Survey forms and then processed them into usable data.

This year's Survey produced a disappointing 582 returns, down from 768 last year. For the third consecutive year the average DXCC total of those sending the forms in was 287.

While most of our long-time subscribers have upped their totals, we continue to get newcomers who hold the average total at the same figure. Another example of the new blood coming in is the climb of Heard Island back up the chart (it was on most recently in February, 1983).

It was distressing to see 54% of our Japanese readers reporting still needing Malpelo, following the operation just two years ago. We didn't produce a separate list for Europe this year, but most of the 30 or so who responded still needed Clipperton, as we suspected from correspondence following last spring's operation.

The data presentation is somewhat different this year ... we hope you find it interesting. The editor's predictions for the Top 20 were in Issue 291, in case you want to see how we did.

One item we continue to find interesting is the drop from year to year of Burma, XZ, even though there have been no operations there accepted for DXCC for 20 years. We think there are a lot of people hoping that someday Burma will change its policy and somehow those XZ5A, etc. QSLs will start counting for DXCC. Personally, we are not optimistic.

Thanks to those of you who sent the Survey sheets back ... we hope for a better response next year.



## SIXTH ANNUAL DXCC COUNTRIES-NEEDED SURVEY RESULTS

ASIA		NA WEST		WORLD		NA MID		NA EAST		
ZA	89	ZA	85	001	ZA	83	ZA	86	ZA	81
3Y	86	70	81	002	70	79	XZ	82	70	79
70	78	3Y	81	003	3Y	77	3Y	80	VU7/A	75
XZ	71	VU/A	67	004	VU7/A	72	70	80	XV	74
5A	64	A6	67	005	XV	68	VU/A	78	3Y	74
A6	54	XZ	66	006	YA	65	XV	73	YA	68
HKOM	54	YA	64	007	4W	63	4W	69	4W	64
4W	50	5A	64	008	XZ	63	YA	68	XU	63
VP8 SGA	50	4W	63	009	5A	56	XW	62	XW	60
VU7A	46	S9	60	010	S2	54	XU	57	S2	59
YA	39	SV/A	58	011	XW	53	S2	57	1S	52
1A0	39	XV	56	012	A6	52	5A	57	5A	52
S9	36	FR/G	53	013	XU	51	A6	56	A5	51
5U	36	3C0	51	014	S9	50	S9	56	XZ	47
ZS2M	32	S2	48	015	A5	47	1S	52	S9	44
XV	29	A5	48	016	SV/A	45	VP8 S GA	49	A6	44
VP8 SAND	29	5U	48	017	1S	44	SV/A	49	VP8 S GA	43
TN	29	TT	48	018	VP8 S GA	44	A5	47	VP8 SAND	42
9Q	29	VP8 SAND	47	019	ZS2M	43	FR/G	47	ZS2M	42
SV/A	25	ZS2M	46	020	VP8 SAND	43	VU/L	47	BY	42
ET	25	FR/T	45	021	FR/GLOR	42	C9	47	C9	42
TT	25	1A0	41	022	C9	40	ZS2M	44	SV/A	40
3C0	21	ABU AIL	41	023	3C0	39	VP8 SAND	43	FR/G	39
5X	21	VP8 S GA	40	024	5U	38	3C0	42	FR/J DE N	37
5R	21	FR J DE N	40	025	FR/J DE N	36	5U	40	ECO	36
PY0 P&P	21	XW	39	026	FR/T	35	BY	40	VU7/L	35
TY	22	3B6	38	027	VU7/L	35	FR/T	39	ET	35
VE SABLE	21	HKOM	38	028	ET	34	FR J DE N	38	5U	34
FR/J DE N	18	VK HEARD	37	029	BY	32	YI	36	FR/T	31
S2	14	5X	37	030	3B6	31	ET	35	3B6	31
A5	14	C9	36	031	TN	30	UG6	33	9M6/8	31
C9	14	ET	35	032	60	28	TN	32	KH5K	30
FR/T	14	60	35	033	ABU AIL	28	60	32	FB8X	29
60	14	XU	34	034	TT	27	ABU AIL	32	KH1	29
YI	14	TN	34	035	5X	27	TT	30	VK MELL	29
TZ	14	5R	34	036	YI	27	3B6	29	TN	27
9G	14	PY0T	34	037	1A0	26	FB8X	29	ZL A&C	27
J5	14	TA	34	038	VK/HEARD	26	VK COCOS	29	60	27
1S	11	VU/L	32	039	KH5K	25	1A0	29	VK MACQ	26
FR/G	11	PY0 P&P	32	040	FB8X	25	5X	28	JD M.T.	25
		D6	31	041	5R	24	ZL A&C	26	YI	25
		FH	31	042	ZL A&C	24	VK HEARD	26	VK COCOS	25
		1S	29	043	PY0 P&P	24	ST0	26	BV	25
		ST0	29	044	ST0	24	PY0 P&P	25	VK WILLIS	25
		TZ	29	045	KH1	23	TA	25	FB8Z	24
		9U	28	046	VK COCOS	23	CE0X	25	VK HEARD	24
		3V	28	047	HKOM	23	VK MACQ	25	KC6/W	24
		TY	27	048	VK MACQ	23	PH	25	5X	24
		SU	27	049	FB8Z	22	5R	24	D2	24
		TJ	25	050	D2	22	VK XMAS	24	ABU AIL	23
		5V	25	051	VK MELL	22	TY	24	CR9	22
		FB8Z	24	052	FH	21	EP	24	ST0	22
		3C	24	053	9M6/8	21	KH5K	23	5R	22
		J5	24	054	VK WILLIS	21	KH1	23	JD OGAS	22
		YI	23	055	PY0T	21	JD M.T.	23	T31	22
		9N	23	056	TY	21	FB8Z	23	PY0 P&P	21
		UG6	22	057	D6	21	D2	23	VK XMAS	20
		CE0X	22	058	UG6	21	JD OGAS	23	TT	20
		EP	22	059	JD M.T.	20	PY0T	23	D6	19
		D2	21	060	TZ	20	TZ	23	FH	19

RANKINGS BY  
GEOGRAPHICAL  
AREA

Shown is the  
country name,  
followed by the  
percentage of  
respondents  
needing that  
country.

RANKINGS BY  
GEOGRAPHICAL  
AREA

Shown is the country name, followed by the percentage of respondents needing that country.



1980	1985 WORLD	%/RANK	1984
004 +03	ZA	83 001	001 N/C
007 +05	70	79 002	002 N/C
012 +09	3Y	77 003	004 +01
010 +06	VU7/A	72 004	006 +02
017 +12	XV	68 005	007 +02
019 +13	YA	65 006	009 +03
020 +13	4W	63 007	008 +01
003 -05	XZ	63 008	003 -05
022 +13	5A	56 009	011 +02
049 +39	S2	54 010	013 +03
026 +15	XW	53 011	012 +01
030 +18	A6	52 012	015 +03
008 -05	XU	51 013	010 -03
072 +58	S9	50 014	016 +02
055 +40	A5	47 015	019 +04
045 +29	SV/A	45 016	018 +02
053 +36	1S	44 017	017 N/C
053 +35	VP8 S GA	44 018	023 +05
N/A N/A	ZS2M	43 019	022 +03
048 +28	VP8 SAND	43 020	026 +06
015 -06	FR/GLOR	42 021	025 +04
N/A N/A	C9	40 022	021 -01
039 +16	3C0	39 023	027 +04
066 +42	5U	38 024	024 N/C
014 -11	FR/J DE N	36 025	028 +03
038 +12	FR/T	35 026	031 +05
005 -22	VU7/L	35 027	032 +05
N/A N/A	ET	34 028	029 +01
001 -28	BY	32 029	014 -15
N/A N/A	3B6	31 030	037 +07
028 -03	TN	30 031	035 +04
021 -11	60	28 032	038 +06
047 +14	ABU AIL	28 033	042 +09
033 -01	TT	27 034	034 N/C
023 -12	5X	27 035	030 -05
041 +05	YI	27 036	039 +03
N/A N/A	1A0	26 037	047 +10
006 -32	VK/HEARD	26 038	062 +24
N/A N/A	KH5K	25 039	048 +09
N/A N/A	FB8X	25 040	036 -04
031 -10	5R	24 041	041 N/C
058 +16	ZL A&C	24 042	044 +02
036 -07	PY0 P&P	24 043	060 +17
057 +13	ST0	24 044	045 +01
N/A N/A	KH1	23 045	050 +05
052 +06	VK COCOS	23 046	051 +05
018 -29	HKOM	23 047	049 +02
056 +08	VK MACQ	23 048	040 -08
N/A N/A	FB8Z	22 049	059 +10
N/A N/A	D2	22 050	045 -05
050 -01	VK MELL	22 051	043 -08
051 -01	FH	21 052	053 +01
062 +09	9M6/8	21 053	058 +05
037 -17	VK WILLIS	21 054	062 +08
062 +07	PY0T	21 055	056 +01
034 -22	TY	21 056	061 +05
043 -14	D6	21 057	067 +10
N/A N/A	UG6	21 058	071 +13
N/A N/A	JD M.T.	20 059	052 -07
059 -01	TZ	20 060	065 +05
N/A N/A	TA	20 061	067 +06
N/A N/A	VK XMAS	19 062	055 -07
011 -52	CEOX	19 063	005 -58
N/A N/A	3C1	18 064	033 -31
N/A N/A	JD OGAS	18 065	N/A NEW
N/A N/A	EP	18 066	N/A NEW
060 -07	BV	17 067	064 -03
N/A N/A	T31	17 068	053 -15
N/A N/A	CR9	17 069	066 -03
N/A N/A	KC6/W	17 070	072 +02
061 -10	J5	16 071	072 +01
067 -05	TJ	16 072	N/A NEW
045 -28	5V	16 073	069 -04

## HOW TO DECIPHER THIS PAGE

"1985 WORLD" is the results of all 582 Survey sheets received and processed, in order of country, percent needing, and rank 001-073.

To the left of that, 1980, shows that country's rank in our survey five years ago, and how much its rank has changed in the past five years (+ means movement up the chart, - means movement down the chart).

The column labeled 1984 shows the country's position last year, followed by its movement on the chart in the past year.

Example: ZA Albania was #004 in 1980, moved up 3 places since then; 83 percent of respondents need it this year, its rank this year is #001, and in 1984 its rank also was #001, with no change (N/C) since 1984.

On the far right, the column labeled 1984 is a sort of the countries in this year's top 73 (only) in order of their rank last year. Note, for example, that there is no #20; last year #20 was Clipperton, which dropped out of the top 73 this year.

The box below this shows the remaining 27 countries in the Survey, followed by the percentage of respondents needing them and their rank (074-100).

## THE FINAL 27

XF4	15	074
9U	15	075
9G	15	076
SU	14	077
3V	14	078
VS5	13	079
VP8 SHET	13	080
9N	13	081
VP8 ORK	13	082
JT	13	083
ZL/K	13	084
9X	12	085
HS	12	086
PY0F	12	087
FW	11	088
9Q	11	089
VE SABLE	11	090
KH3	10	091
KH7	10	092
HV	10	093
F00	9	094
KH4	9	095
ZL/C	8	096
VR6	8	097
DESECHEO	7	098
5T	6	099
NAVASSA	5	100

1984	
ZA	001
70	002
XZ	003
3Y	004
CEOX	005
VU7/A	006
XV	007
4W	008
YA	009
XU	010
5A	011
XW	012
S2	013
BY	014
A6	015
S9	016
1S	017
SV/A	018
A5	019
C9	021
ZS2M	022
VP8 S GA	023
5U	024
FR/GLOR	025
VP8 SAND	026
3C0	027
FR/J DE N	028
ET	029
5X	030
FR/T	031
VU7/L	032
3C1	033
TT	034
TN	035
FB8X	036
3B6	037
60	038
YI	039
VK MACQ	040
5R	041
ABU AIL	042
VK MELL	043
ZL A&C	044
D2	045
ST0	045
1A0	047
KH5K	048
HKOM	049
KH1	050
VK COCOS	051
JD M.T.	052
T31	053
FH	053
VK XMAS	055
PY0T	056
9M6/8	058
FB8Z	059
PY0 P&P	060
TY	061
VK WILLIS	062
VK/HEARD	062
BV	064
TZ	065
CR9	066
TA	067
D6	067
5V	069
UG6	071
J5	072
KC6/W	072
TJ	N/A
EP	N/A
JD OGAS	N/A



# CALENDAR

ISSUE 302

AFRICA DJ5RT said he'd be on from somewhere  
Sep 2-10; Issue 302  
More rumors Issue 302  
DJ2BW/CT3 Sept 1-15

ALBANIA  
MADEIRA

CONVENTION  
HEARD ISLAND

U.A.E.  
AUCKLAND

CHATHAM  
NORTH COOKS  
CHINA  
WILLIS  
PITCAIRN

MAURITANIA

GUINEA-BISSAU  
ST PIERRE

CHRISTMAS  
COCOS-KEELING

LEICHTENSTEIN  
WALLIS

MALI  
E KIRIBATI  
KERGUELEN  
SAO TOME

SUDAN

CONVENTION  
QATAR  
KERMADEC

GALAPAGOS

PETER I ISLAND

W9DXCC Sep 21 near Chicago; 1302  
Jim Smith waiting for Sept operation,  
needs permission, boat leaves 9/16  
G4CAQ said to be in A6; 1302  
ZL9AA there now, 160-40 Meters

ZL7AA there on 10, 80 Meters  
ZK1WL by ZL3AFH may stay until Dec  
Active stations run-down 1294  
VK9ZB on P29JS 14.220 net at 07Z  
VR6JR on through Sept, mostly 20

5T5SL (9X5SL) reported in EU 14.277  
at 1700  
J5WAD on 20 SSB and CW  
FP/W3ESU (CW) and FP/K8CFU (SSB) Sep  
11-15, 160 Meters only.

VK9XJ info Issue 301  
VK9XJ says no current operators  
VK9YS reported to be no good  
HBONL Sept 15-OCT 27  
FW8AF there, need reports

TZ6FS, WC new stations; 1298  
T32AB is back  
FT8XB likes 20 SSB 0400-0600  
S92LB on 14.183 2030-2330Z4  
his QSLs are good for DXCC

9Y4RD talking about both Sudan ST and  
S. Sudan ST0 soon  
DXPO Atlanta Sep 27-29 c/o KC4BX  
A71AD said will be on 160 late Oct  
ZL7OY (ZL4OY) expected on this winter

U.S. group complete for CQ WW Phone  
end of October  
Possible December by JF11ST; 1300

## THE W6GO/K6HHD LIST

PO BOX 700  
RIO LINDA CA 95673  
U.S.A.

The W6GO/K6HHD List is a computer  
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